

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116711		APPLICATION NO. New U.S. Application 10/653304	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Hironori OKADO			
				FILING DATE September 5, 2003		GROUP	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
HV	1.	US 2002/0122010 A1	9/5/2002	MCCORKLE	343	767
HV	2.	US 6,351,246 B1	2/26/2002	MCCORKLE	343	700/164
HV	3.	US 6,515,626 B2	2/4/2003	BARK et al.	343	795

FOREIGN PATENT DOCUMENTS						
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS		
4.	JP A 8-213820 w/abstract & transl.	8/20/1996	JAPAN			
5.	JP A 63-275204 w/abstract	11/11/1988	JAPAN			
6.	JP A 57-142003 w/abstract	9/2/1982	JAPAN			
7.	JP A 55-4109 w/abstract	1/12/1980	JAPAN			
8.	31-709	1/21/1956	JAPAN			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
9.	Satoshi Honda et al.; "Wideband Monopole Antenna of Circular Disc; ITEJ Technical Report; Vol 15, No 59; October 1991; pp 25-30;	
10.	Taisuke Ihara et al; "A Small Broadband Antenna with Rounded Semi-Circular Element"; 1996; pp 78	no month
11.	Taisuke Ihara et al; "Broadband Characteristics of Semi-Circular Antenna combined with Linear Element"; General Convention of the Society of Electronics, Information and Communication Engineers; 1996; pp 77 w/translation	no month
12.	Satoshi HONDA et al; " Improved Input Impedance of Circular Disc Monopole Antenna; 1992; pp 2-131	no month

EXAMINER	DATE CONSIDERED 11/11/04
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: September 5, 2003